

Title (en)  
CONSORTIUM OF FUNGI IMMOBILISED ON A LAMINAR LIGNOCELLULOSE CARRIER FOR THE TREATMENT OF WASTEWATER AND METHOD FOR PRODUCING SAME

Title (de)  
AUF EINEM LAMINAREN LIGNOCELLULOSETRÄGER IMMOBILISIERTES PILZCLUSTER ZUR BEHANDLUNG VON ABWASSER UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)  
CONSORTIUM DE CHAMPIGNONS IMMOBILISÉS SUR UN SUPPORT LAMINAIRE EN LIGNOCELLULOSE POUR LE TRAITEMENT DES EAUX USÉES ET TRAITEMENT PERMETTANT SA PRÉPARATION

Publication  
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Application  
**EP 14869567 A 20141209**

Priority  
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• IB 2014002720 W 20141209

Abstract (en)  
[origin: EP3081539A1] The invention relates to a laminar biocarrier made by weaving or interlacing yarns of lignocellulosic material, which supports and immobilizes a consortium of wood-decay fungi, in particular strains of *Pleurotus ostreatus* and *Phanerochaete chrysosporium*, for the treatment of wastewater contaminated by colourants, heavy metals, chemical oxygen demand and biological oxygen demand. The invention also relates to a method for producing the inoculated laminar biocarrier and to the use thereof as a filter for reactors of different configurations for the treatment of waste effluents.

IPC 8 full level  
**C02F 3/34** (2006.01); **C12N 1/14** (2006.01)

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